

Final Product Change Notification

201711001F01

Issue Date: 30-Dec-2017

Effective Date: 30-Mar-2018

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For detailed information we invite you to view this notification online
Management Summary



Introduce new matrix Lead frame for the SO16 (SOT109) package at ASEN (Suzhou, China)

Change Category

- | | | | | |
|--|--|--|---|---|
| <input type="checkbox"/> Wafer Fab Process | <input checked="" type="checkbox"/> Assembly Process | <input type="checkbox"/> Product Marking | <input type="checkbox"/> Test Location | <input type="checkbox"/> Design |
| <input type="checkbox"/> Wafer Fab Materials | <input type="checkbox"/> Assembly Materials | <input type="checkbox"/> Mechanical Specification | <input type="checkbox"/> Test Process | <input type="checkbox"/> Errata |
| <input type="checkbox"/> Wafer Fab Location | <input type="checkbox"/> Assembly Location | <input type="checkbox"/> Packing/Shipping/Labeling | <input type="checkbox"/> Test Equipment | <input type="checkbox"/> Electrical spec./Test coverage |

Introduce new matrix Lead frame for the SO16 (SOT109) package at ASEN (Suzhou, China)

Details of this Change

Introduce new matrix Lead frame for the SO16 (SOT109) package at ASEN (Suzhou, China)

- Introduce IDF high density leadframe with locking holes for improved package quality

Why do we Implement this Change

- Capacity expansion in ASEN
- Quality improvement

Identification of Affected Products

Product identification does not change

The leadframe change can be identified by backward traceability of the product marking date code

ASEN assembly location indicator suffix = "X", which is indicated on the reel and box label

Product Availability

Sample Information

Samples are available upon request

Samples are available upon request from the Logic sample store Nijmegen The Netherlands

Production

Planned first shipment 30-Mar-2018

Impact

- No change in datasheet, form, fit, function, quality or reliability anticipated
- No change in ordering code 12NC's and product type number

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Not applicable, capacity expansion

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 29-Jan-2018.

Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact Nexperia "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local Nexperia Sales Support team.

For specific questions on this notice or the products affected please contact our specialist directly:

Name Logic Customer Support
e-mail address logic.helpdesk@nexperia.com

At Nexperia B.V we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards.

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Affected Part Numbers			
HEF4094BT,653	74HCT595D,112	74HC259D,653	74HCT594D,118
HEF4053BT,653	74HC595D,118	74HCT4051D,118	74HCT594D,112
HEF4053BT,652	74HC595D,112	74HCT4051D,112	74HCT595D,118
HEF4052BT,653	74HC597D,653	74HCT165D,653	74HCT595D,112
HEF4052BT,652	74HCT4053D,118	74HC165D,653	74HC597D,653
HEF4051BT,653	74HCT257D,653	74HC157D,653	74HCT4053D,118
74HC138D,653	74HCT138D,653	74HC151D,653	74HCT257D,653
74HC138D,652	74HC4052D,653	74HC151D,652	74HCT138D,653
74HCT4052D,118	74HC166D,652	HEF4053BT,653	74HC4053D,653
74VHC595D,118	74HC4060D,653	HEF4052BT,653	74HC4052D,653
74AHC595D,118	74HC4060D,652	HEF4052BT,652	74HC166D,652
74LVC157AD,118	74HC238D,653	74HC138D,653	74HC4060D,652
74LVC157AD,112	74HC238D,652	74HC138D,652	74HC4053D,652
74LVC138AD,118	74HC4094D,653	HEF4094BT,653	74HC4051D,652
74LV4052D,118	74HC4094D,652	74HCT4051D,118	74HC259D,653
74LV4094D,112	74HC4053D,653	74VHC595D,118	74HCT165D,653
74HCT594D,118	74HC4053D,652	74LVC157AD,118	74HC165D,653
74HCT594D,112	74HC4051D,653	74LVC157AD,112	
74HCT595D,118	74HC4051D,652	74LV4052D,118	